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PATENT ABSTRACTS OF JAPAN

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(54) PRODUCTION OF COPOLYMER LATEX, COPOLYMER LATEX AND PAPER COATING COMPOSITION USING THE SAME

(57)Abstract:

PURPOSE: To provide a method for producing a copolymer latex usable as a binder for paper-coating compositions giving coated paper having an excellent balance between physical properties such as adhesivity, water resistance, ink- anchoring property and white paper luster, and further as a carpet-backing agent and an adhesive, and also to provide the copolymer latex and the paper coating composition using the same.

CONSTITUTION: The method for producing a copolymer latex comprises emulsion-polymerizing a monomer mixture containing (1) a conjugated dienic monomer, (2) an ethylenically unsaturated monomer and (3) an ethylenically unsaturated carboxylic acid monomer in the presence of a dialkenyl (di)sulfide as a polymerization chain transfer agent, a copolymer latex and a paper coating composition using the same.

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